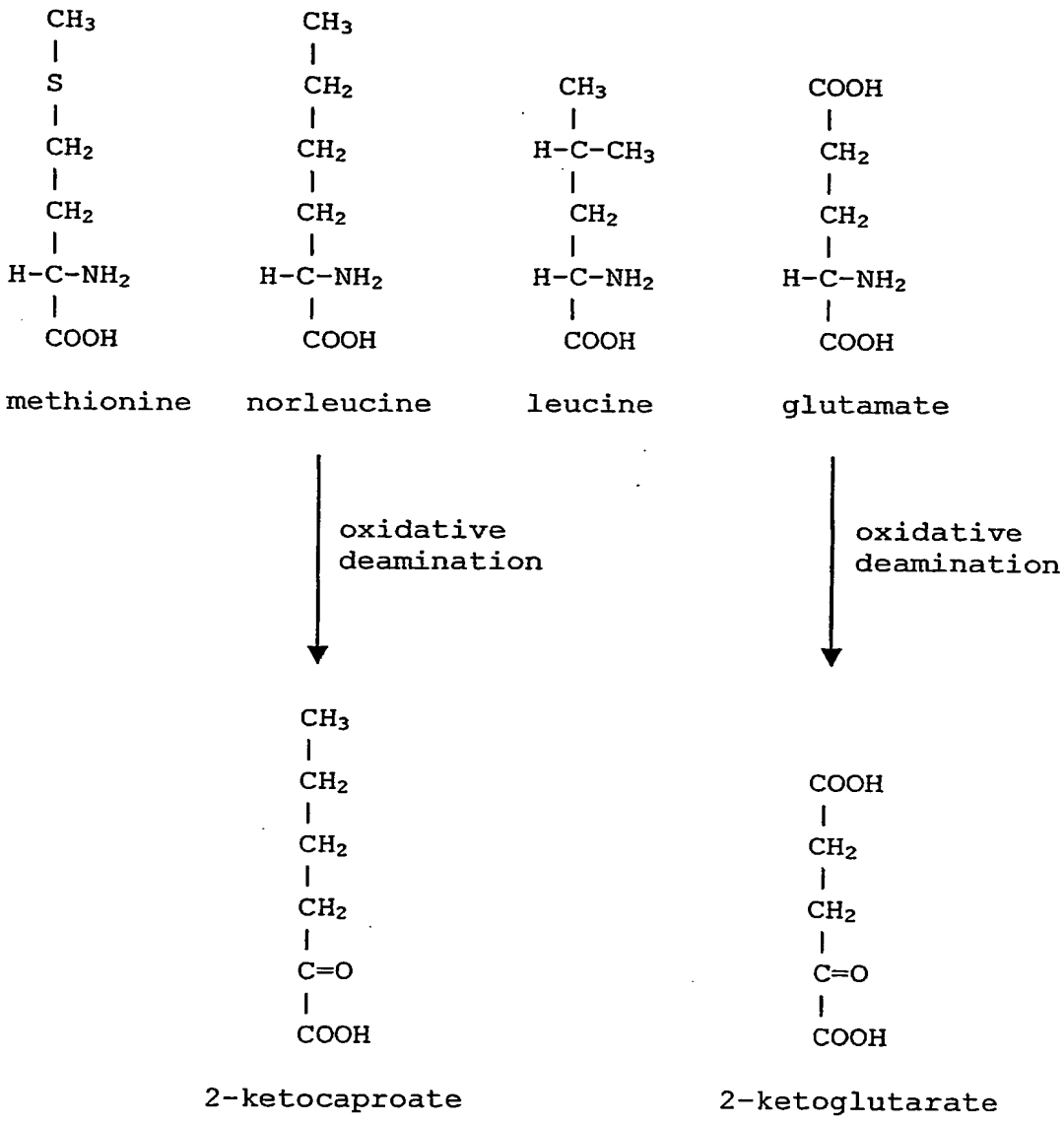
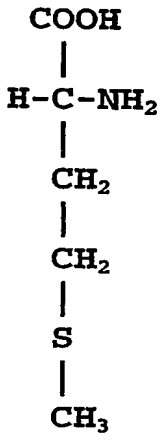
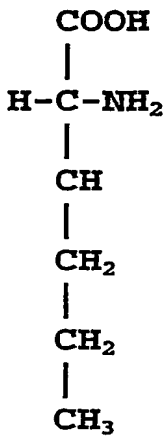

methionine
norleucine
leucine
glutamate
oxidative deamination
oxidative deamination
2-ketocaproate
2-ketoglutarate

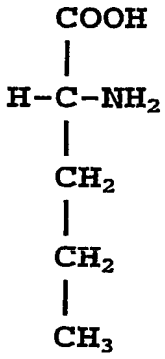
Figure 1



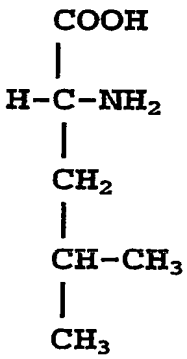
methionine



norleucine

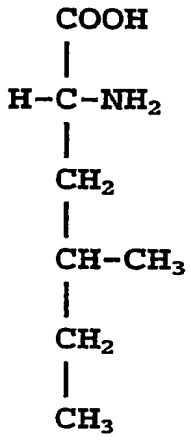


norvaline

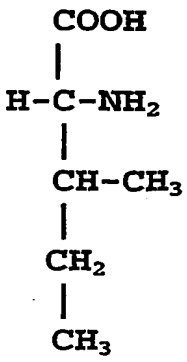


leucine

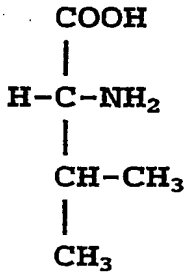
Figure 2A



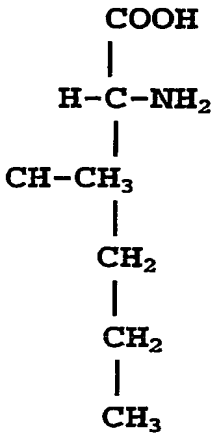
homoisoleucine



isoleucine



valine



beta-methylnorleucine

Figure 2B